

FEATURES

HOUSING — Rugged, corrosion-resistant, die-cast aluminum. Corrosion-resistant external hardware includes slotted hex-head and tamper-proof fasteners. Standard finish is electrostatically-applied, oven-cured, dark bronze polyester powder paint.

BALLAST — High power factor, constant-wattage autotransformer. Ballast is copper wound and 100% factory tested. Meets ANSI standards and is UL listed. Electrical components are mounted in hinged front cover that includes primary and secondary electrical disconnect. (For 50 hertz availability, consult factory).

OPTICS — Reflector is specular anodized aluminum. Refractor is prismatic borosilicate glass which is sealed and gasketed to inhibit the entrance of outside contaminants.

INSTALLATION — Back housing is separated from front housing, eliminating ballast weight and promoting easy handling. Top 3/4" threaded wiring access. Back access through removable 3/4" knockout. Feed-thru wiring can be achieved by using a conduit tee. Mount on any vertical surface. **Not recommended in applications where a sprayed stream of water can come in direct contact with glass lens.**

SOCKET — Porcelain, horizontally-oriented, mogul-base socket with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V.

LISTING — UL listed suitable for wet locations. Listed and labeled to comply with Canadian and Mexican Standards (see Options). IP65 rated (250 watt and below) or IP54 rated (400 watt) in accordance with IEC Standard 529.

Type

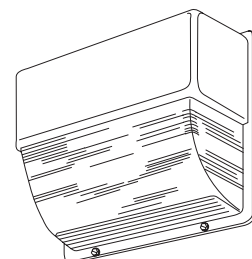
Catalog number

Wall-Paks

TWH

METAL HALIDE

150W, 175W, 200W, 250W, 320W, 350W, 400W
8' to 25' Mounting



Height: 15-3/4" (40cm)
Width: 16-1/4" (42.6cm)
Depth: 8" (20.3cm)
Weight: 26-42 lbs. (12-19 kg)

ORDERING INFORMATION

Example: TWH 175M 120

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog numbers (shipped separately).

TWH				
Series	Wattage /lamp	Voltage	Options	
TWH				
	100M ¹	120	Shipped installed in fixture	
	150M ²	208 ⁵		
	175M	240 ⁵	SF	Single fuse (120, 277, 347V) ⁷
	200M ³	277	DF	Double fuse (208, 240, 480V) ⁷
	250M ²	347	EC	Emergency circuit ^{8,9}
	320M ³	480 ⁵	QRS	Quartz restrike system ^{8,9,13}
	350M ³	TB ⁶	CR	Corrosion-resistant finish
	400M ^{2,4}		CRT	Corrosion-resistant finish (Teflon) ¹⁰
			PE	Photoelectric cell – button type
			PER	NEMA twist-lock receptacle ^{1,11}
			LPI	Lamp (shipped in carton with fixture)
			LS	Lamp support (mogul socket only)
			FS	Full shield
			WG	Wireguard ¹²
			VG	Vandal guard ¹²
			SCWA	Super SCWA Pulse Start Ballast (TB only)
			LLRPSL	Low Loss reactor Pulse Start Ballast (277V only)
			Architectural Colors (optional)	
			DNA	Natural aluminum
			DBL	Black
			DSB	Steel blue
			DMB	Medium bronze
			DGC	Charcoal gray
			DTG	Tennis green
			DBR	Bright red
			DSS	Sandstone
			DWH	White
			CSA	Listed and labeled to comply with Canadian Standards
			NOM	Listed and labeled to comply with Mexican Standards

Accessories

Order as separate catalog number.

RK1 PEB1 Photoelectric control kit (120V)
PE3 NEMA twist-lock photocontrol (347V)
PE4 NEMA twist-lock photocontrol (480V)

NOTES:

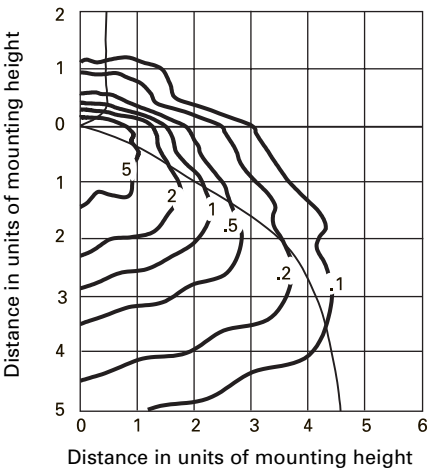
- Not available 480V.
- May be ordered with SCWA or LLRPSL.
- Must be ordered with SCWA or LLRPSL.
- Requires T-15, ED or BT28 reduced jacket lamp.
- Not available in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V). (120, 277, 347V in Canada).
- Not available with multi-tap ballast.
- Lamp not included.
- Quartz lamp wattage not to exceed ballast wattage rating.
- Black finish only.
- Photocell not included.
- Requires factory modification.
- QRSTD available on select wattages; consult factory.

TWH Metal Halide Wall-Paks

Coefficient of Utilization _____
Initial Footcandles _____

TWH 175M Test report no. 94121101

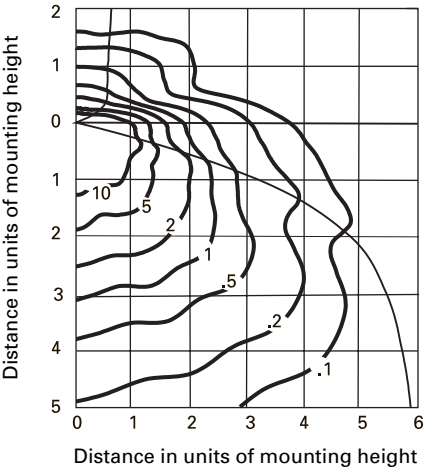
Coefficients of utilization



175W, metal halide lamp, horizontal lamp orientation, 12' mounting height, 14,000 rated lumens. Total fixture efficiency: 60.6%

TWH 250M Test report no. 95011902

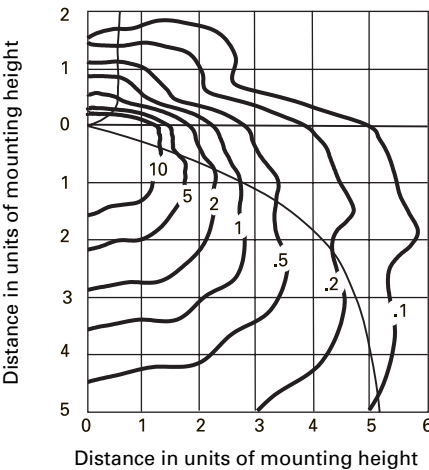
Coefficients of utilization



250W, metal halide lamp, horizontal lamp orientation, 12' mounting height, 20,500 rated lumens. Total fixture efficiency: 76.9%

TWH 400M Test report no. 94112102

Coefficients of utilization



400W, metal halide, E-18 lamp, horizontal lamp orientation, 12' mounting height, 36,000 rated lumens. Total fixture efficiency: 70%

Note:

1. Photometric data for other distributions can be accessed from the Lithonia Lighting website. (www.Lithonia.com)

Mounting Height Correction Factor
(Multiply the fc level by the correction factor)
15 ft. = .64
20 ft. = .36
25 ft. = .23